AMENDMENTS

In the Claims:

1. (Currently Amended) A display device displaying a color image made of a plurality of color components, comprising:

a plurality of pixels for each of the color components; and

a γ-correction voltage switching circuit for sequentially outputting independently generated γ-correction voltages ~~that are generated independently~~ for each of the color components,

wherein the pixels are configured to sequentially receive γ-corrected display signals for each of the color components for displaying the color image .

2. (Currently Amended) A display device displaying a color image made of a plurality of color components, comprising:

a plurality of pixels for each of the color components;

a plurality of DA converters, each of the DA converters outputting a voltage to a predetermined number of the pixels;

a γ-correction voltage switching circuit for sequentially correcting the voltages outputted to the pixels independently for each of the color components; and

a switching circuit provided for each set of the predetermined number of the pixels, the switching circuit receiving the voltage corrected by the γ-correction voltage switching circuit and outputted by the corresponding DA converter and sequentially supplying the γ-corrected voltage selectively to one of the set of the predetermined number of the pixels for each of the color components .

3. (Original) The display device of claim 2, wherein the DA converter outputting the voltage as a voltage divided by a resistance string between a first reference voltage and a second reference voltage and the γ-correction voltage switching circuit modifies the first and second reference voltages.

4. (Previously Presented) The display device of claim 2, further comprising a register provided for each set of the predetermined number of the pixels, the register storing display signals corresponding to the color components and outputting the display signals in a time sequence corresponding to the time sequence of the switching circuit.

5. (Original) The display device of claim 3, wherein the γ-correction voltage switching circuit comprises a black reference voltage generating circuit outputting three different black reference voltages and a switching element outputting one of the three black reference voltages in response to a selection signal, and the first reference voltage comprises the output voltage of the switching element.

6. (Original) The display device of claim 3, wherein the γ-correction voltage switching circuit comprises a white reference voltage generating circuit outputting three different white reference voltages and a switching element outputting one of the three white reference voltages in response to a selection signal, and the second reference voltage comprises the output voltage of the switching element.

7. (Currently Amended) A γ-correction method of a display device displaying a color image made of a plurality of color components, comprising:

receiving display signals corresponding to the color components;

sequentially performing a γ-correction on the display signals independently for each of the color components; and

sequentially writing the γ-corrected display signals for each of the color components .